

ABSTRACT

To provide a small-sized stabilizer control apparatus for actively restraining a roll of a vehicle body within an output range of an electric motor, and certainly providing a torsion spring characteristic inherently owned by a stabilizer bar, if the output exceeds the range. A stabilizer actuator having an electric motor and a speed reducing mechanism is disposed between a pair of stabilizer bars disposed between a right wheel and a left wheel. The inverse of the product of a normal efficiency and a reverse efficiency of the speed reducing mechanism $\{1 / (\eta_P \cdot \eta_N)\}$ is equal to or greater than 1.17 and equal to or smaller than 3.75, and the output of the electric motor is controlled to be held or reduced, when the turning state has come to be out of such a range that the rolling motion of the vehicle body can be actively controlled.